ATTENDEES: Lloyd Carpenter   RDC   982-3708
           Al Fleig   900   286-7747
           Harold Geller   RDC   982-3740
           Tom Goff   RDC   982-3704
           Liam Gumley   RDC   982-3734
           Ravi Kumar   STX   286-9515
           Ed Masuoka   920.2   286-7608

NEXT MEETING: Date   Time   Building   Room
           Friday, August 23   10:00 am   16   242

TOPICS:

1. MODIS AIRBORNE SIMULATOR (MAS): Liam Gumley presented the updated agreement on the work to be done by the SDST in support of the MAS Level-1B data processing. This version has been accepted by Mike King and Paul Menzel.

Liam presented the biweekly schedule for development of the MAS Level-1B processing system in standard milestone-chart format.

Liam presented a report of progress on MAS Level-1B processing system development. Routines have been developed for unpacking the MAMS Level-1A data set with the flexibility of interactively updating the positioning of the two extra bits. MAMS image displays were successful using the PCI imaging software on the IRIS and using the IMDISP imaging program on the PC. Development of the calibration modules is underway using the methodology developed at Wisconsin. No major problems have been encountered so far.

2. HDF STATUS: Tom Goff gave a status report on preparing for the use of the HDF format for the MAS Level-1B data. The HDF files have been downloaded to the LTPIRIS2. The source files have been compiled for use with C programs. HDF source files have been debugged and successfully compiled on the LTP VAX cluster. HDF needs data set types to include 10 bit (or 16 bit) raster images, anchor point spatial placement, ephemeris tagging, etc., before it will be suitable for the MAS application.

3. MODIS - SCHEDULER ASSUMPTIONS: Lloyd Carpenter presented a set of assumptions for the interface between the MODIS Level-1A and Level-1B processes and the EOSDIS scheduler. Among other things, it is assumed that data status tables for scheduling MODIS processing will be kept by

the SCA. Al Fleig raised questions about how the scheduler will handle different special cases and out-of-the-ordinary circumstances.

4. MODIS LEVEL-1B DESIGN: There was discussion of the possibility of designing the Level-1B process into parallel anchor point and calibration sections.

ACTION ITEMS:

05/03/91 [Lloyd Carpenter and Tom Goff]: Prepare a Level-1 processing assumptions, questions and issues list, to be distributed to the Science Team Members and the MCST for comment. (The list, the executive summary, information on the EOS Platform Ancillary Data, and a cover letter were delivered for signature and distribution.) STATUS: Open. Due date 06/07/91.

06/07/91 [Liam Gumley]: Speak to Alan Strahler, when he returns, regarding his MAS requirements. (Strahler will be contacted when he becomes available.) STATUS: Open. Due date 07/05/91

05/31/91 [Al McKay and Phil Ardanuy]: Examine the effects of MODIS data product granule size on Level-1 processing, reprocessing, archival, distribution, etc. (Reports were provided on June 21 and 28, 1991.) STATUS: Open. Due Date 06/21/91

06/28/91 [Lloyd Carpenter and Tom Goff]: Prepare a detailed list of scheduler assumptions in relation to Level-1 MODIS processing scenarios. (Lists were provided on July 26 and August 16, 1991.) STATUS: Open. Due date 07/26/91.